

Download Java 8 and after versions on Linux operating system.

There are several JDK implementation available for Linux such as Oracle JDK, OpenJDK, sun JDK, IBM JDK, and GNU JAVA compiler. We shall choose the Oracle JDK 8. Ubuntu chooses OpenJDK as its default JDK, which is not 100% compatible with Oracle JDK

Check if JDK has already installed

Open a terminal and issue this command

- `Javac -version`

If a JDK version number (eg., “javac x.x.x ”) appears JDK has been already installed

## 1. Download and Install JDK

Goto JDK(Java SE) download site

@ <http://www.oracle.com/technetwork/java/javase/downloads/index.htm> .

Under “Java Platform, Standard Edition” -> “Java SE 11.0{x}” -> click JDK’s “Download” -> Under “Java SE Development Kit 11.0 {x}” -> Check “Accept Licence Agreement” -> Select “Linux”, “tar.gz” package

2. WE shall install JDK under “/usr/local/java” . First create a directory “java” under “/usr/local”. Open a terminal and issue these commands

- `Cd /usr/local`
- `Sudo mkdir java`

Extract the downloaded package

- `Cd/usr/local/java`
- `Sudo tar xzvf~/Downloads/jdk-13.0{x}-linux-x64_bin.tar.gz`

JDK shall be extracted in folder “/usr/local/java/jdk-13.0”

3. Inform the Linux operating system to use this JDK/JRE

Setup the location for java

- `Sudo update-alternatives –install “/usr/bin/java/jdk-13.0(your java version)”`
- `Sudo update-alternatives –set javac “/usr/local/java/jdk-13.0( your java version)”`

4. Verify the installation

To verify java version type the following commands in the terminal.

- `Javac –version`
- `Java –version`
- `Which javac`

➤ Which java